

FIG. 1

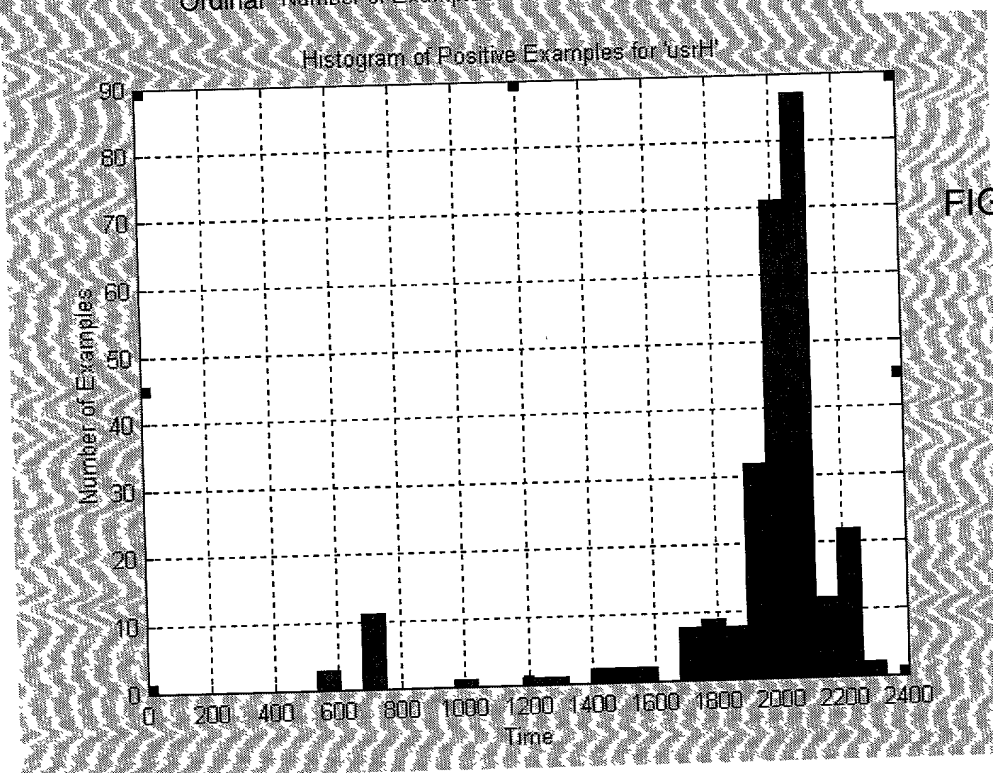


FIG. 2

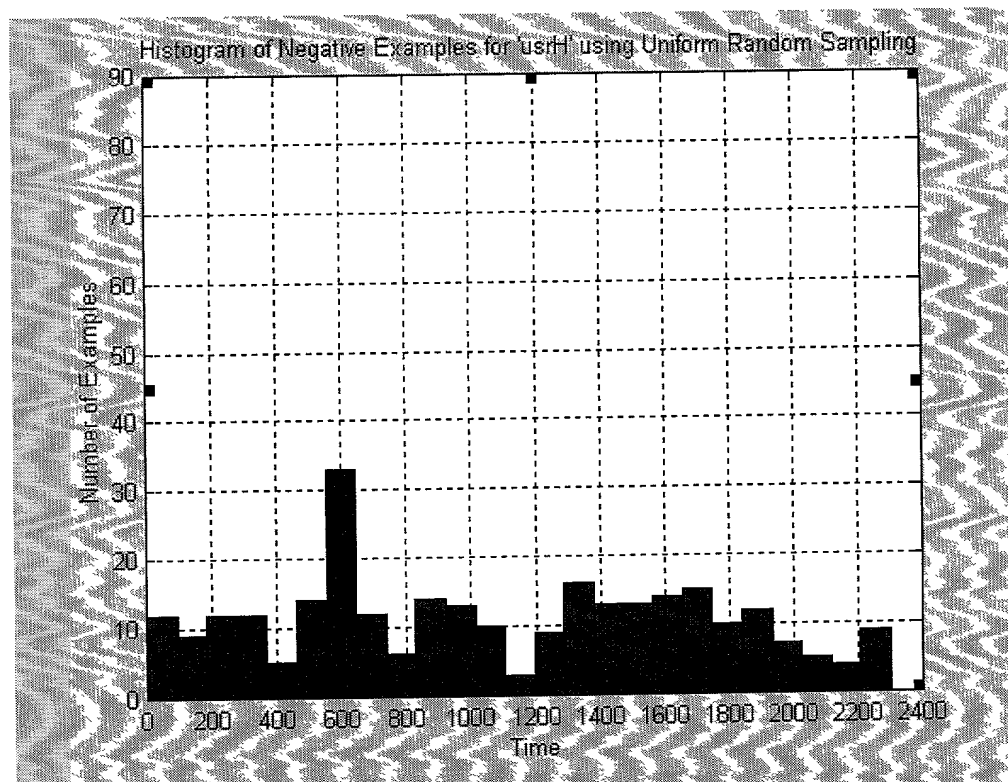


Fig. 3

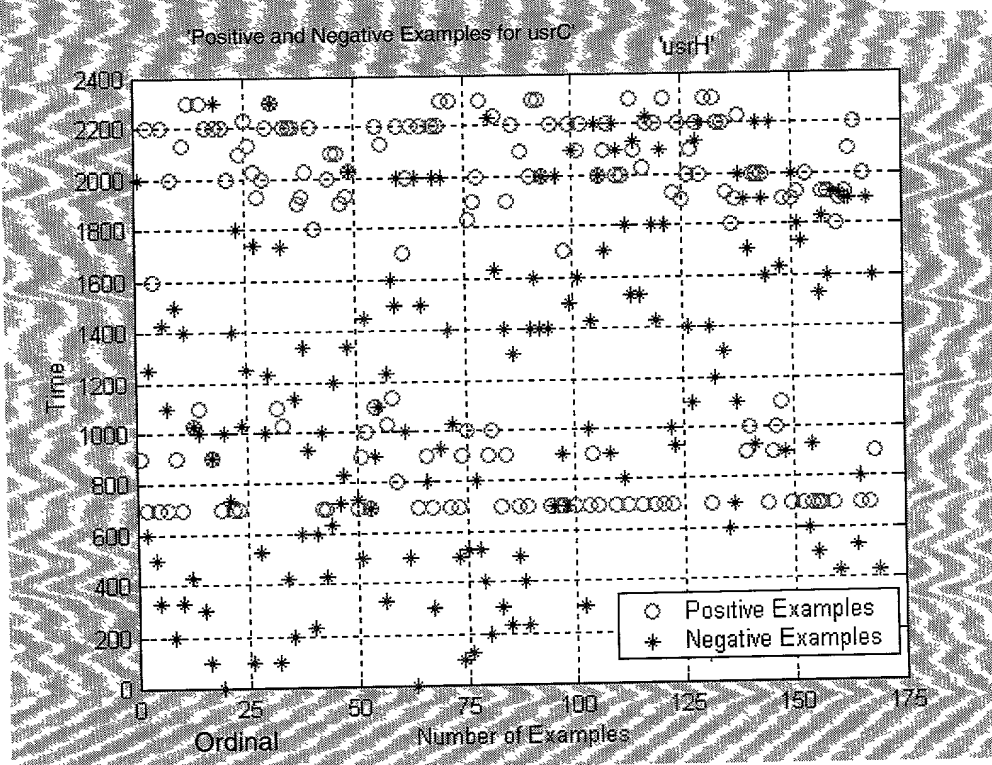


Fig. 4

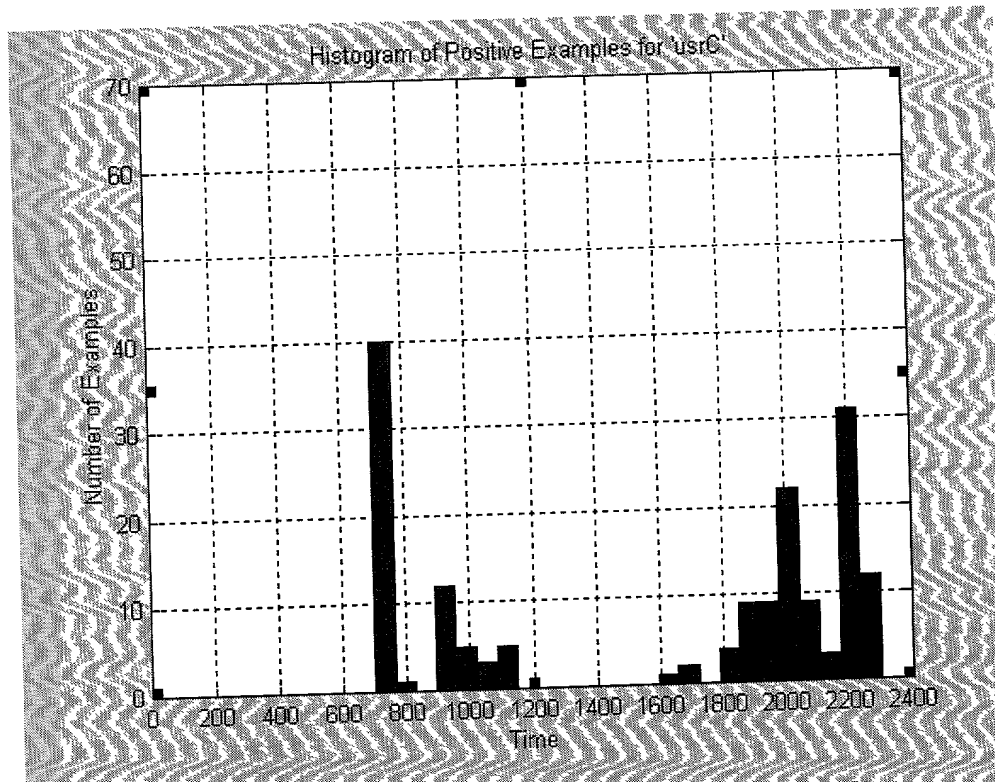


FIG. 5

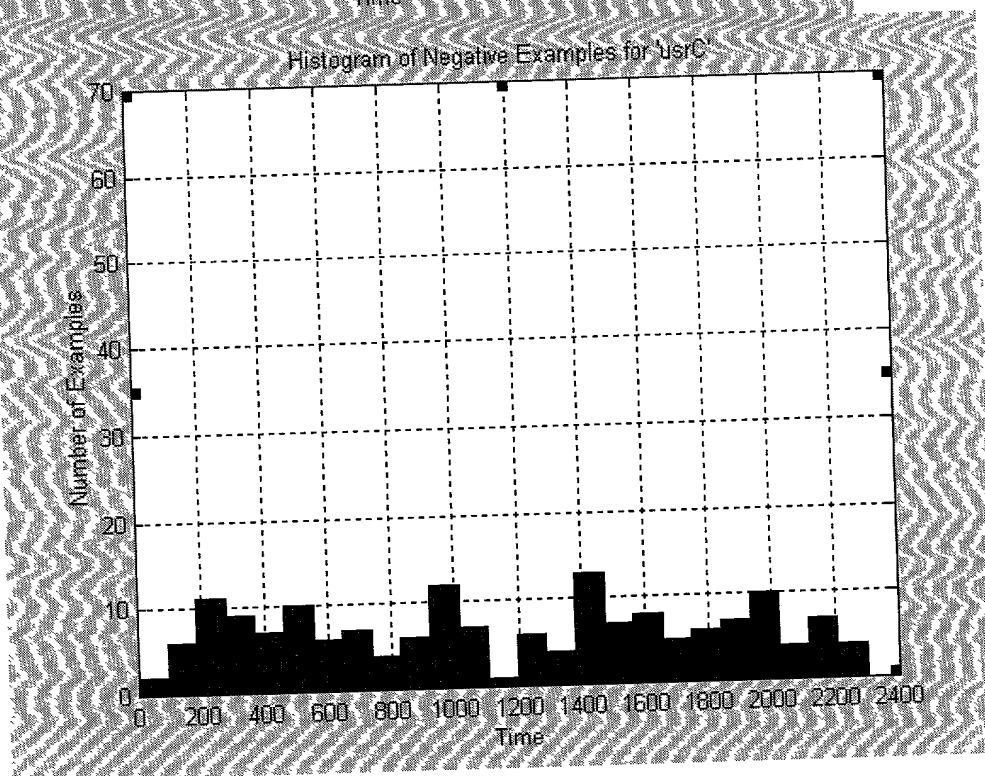
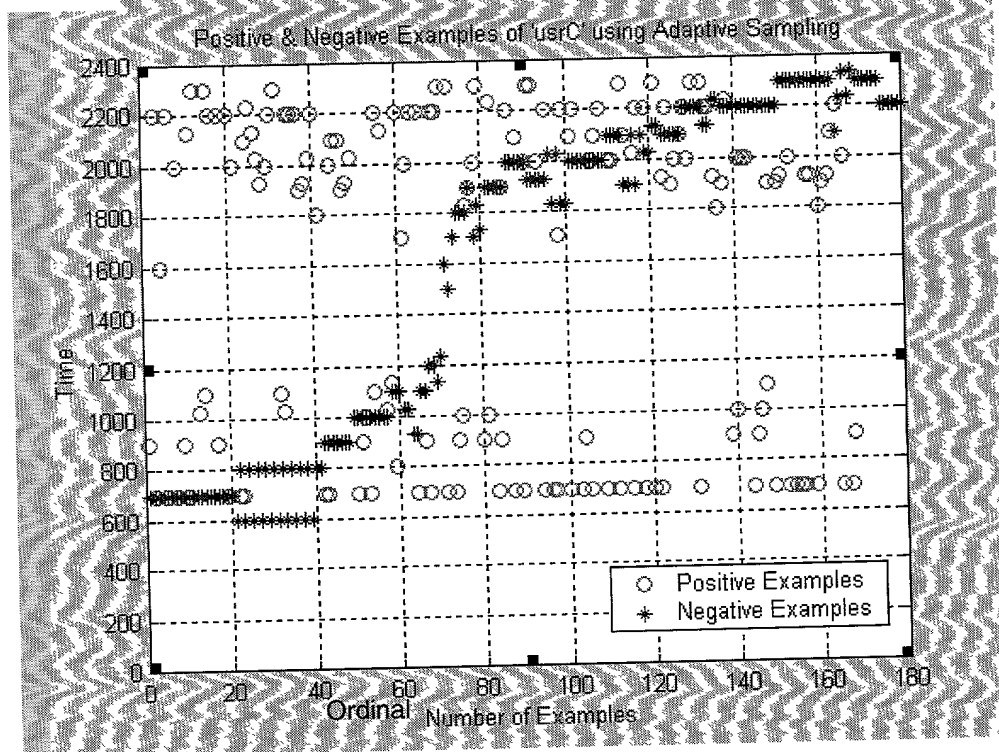


FIG. 6



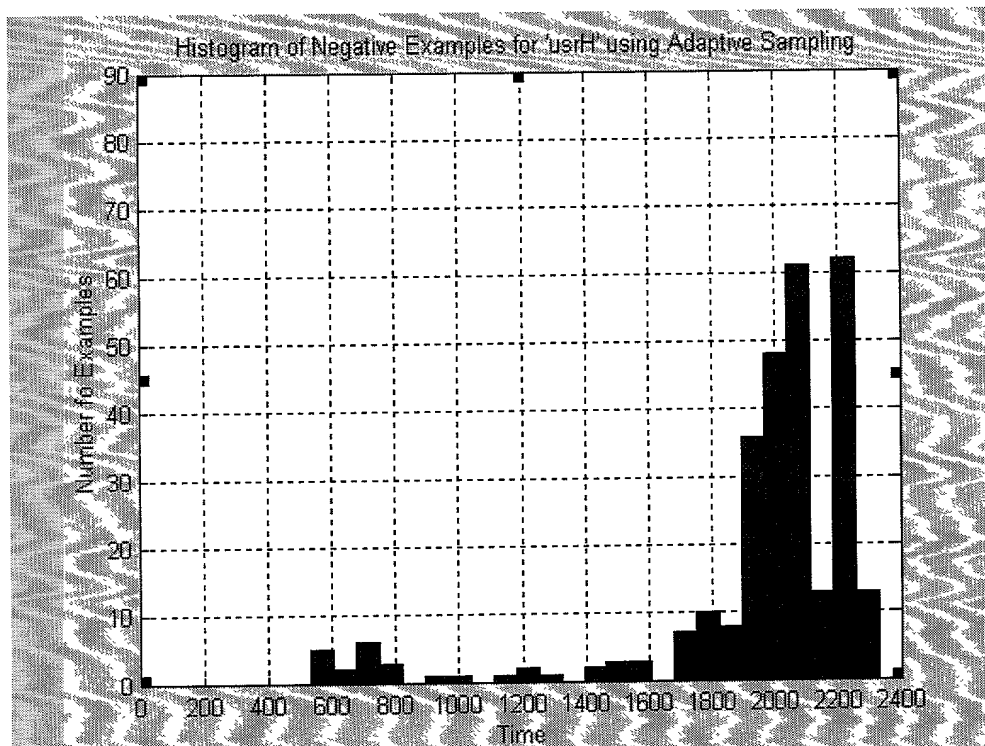


FIG. 9

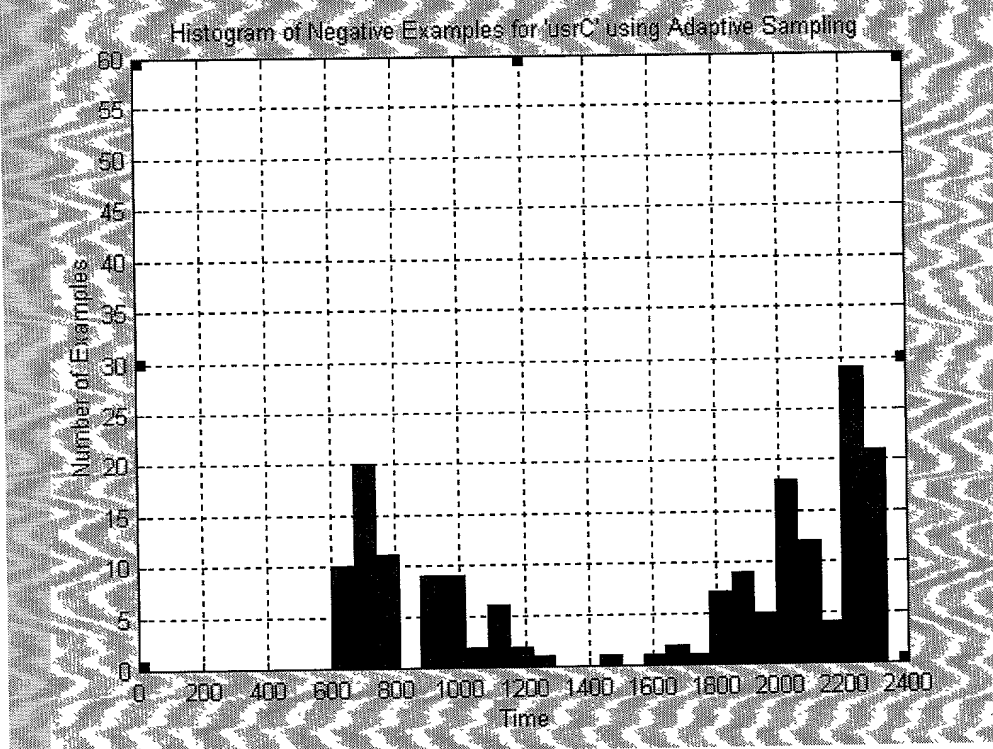


FIG. 10

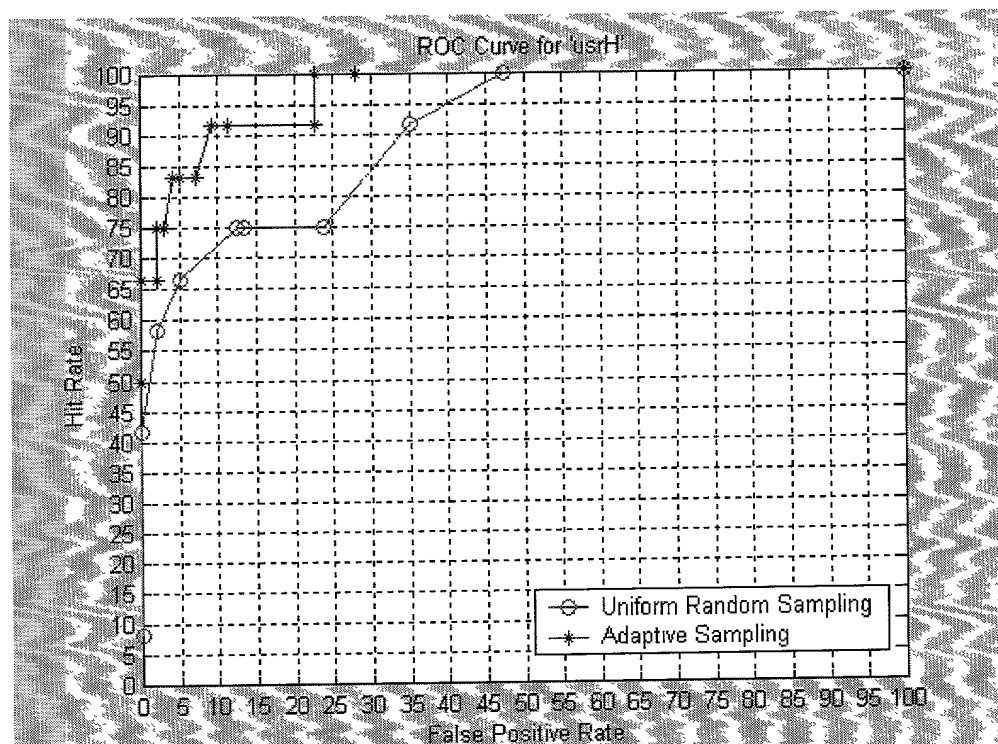


FIG. 11

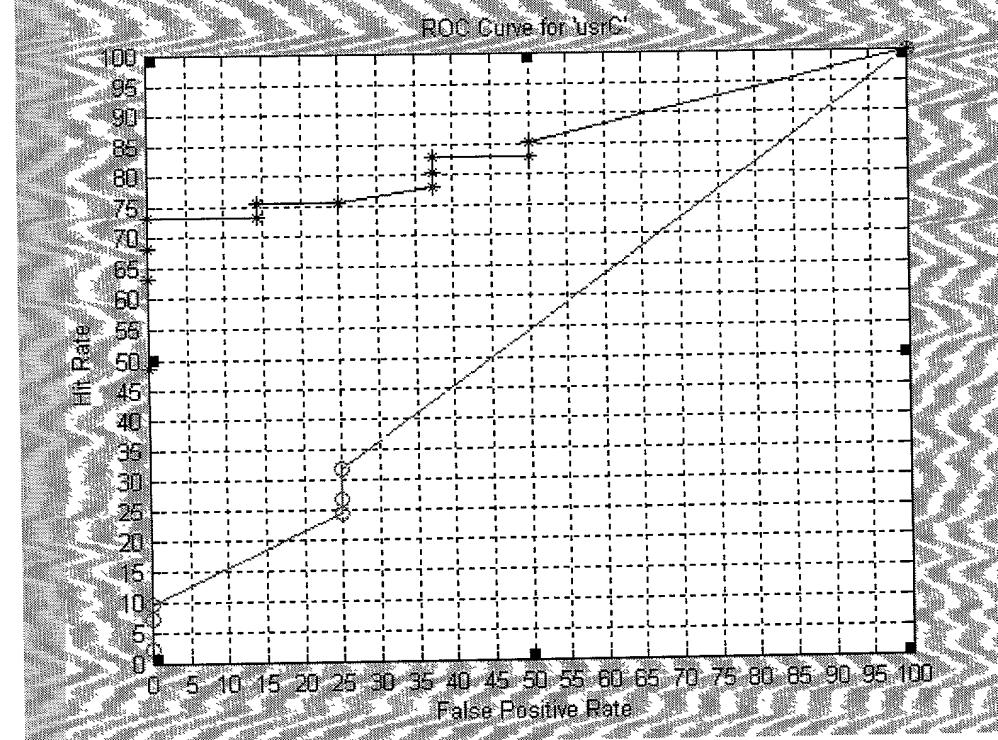
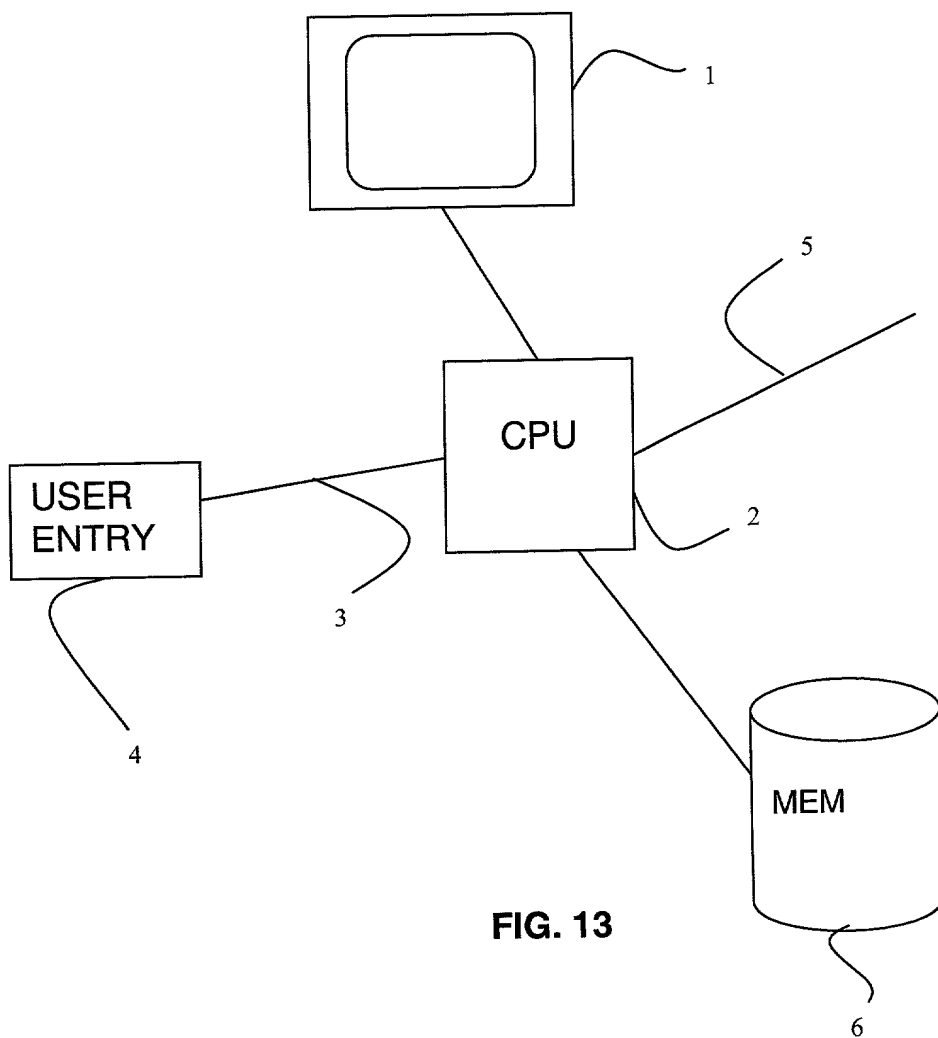


FIG. 12



**FIG. 13**



FIG. 14

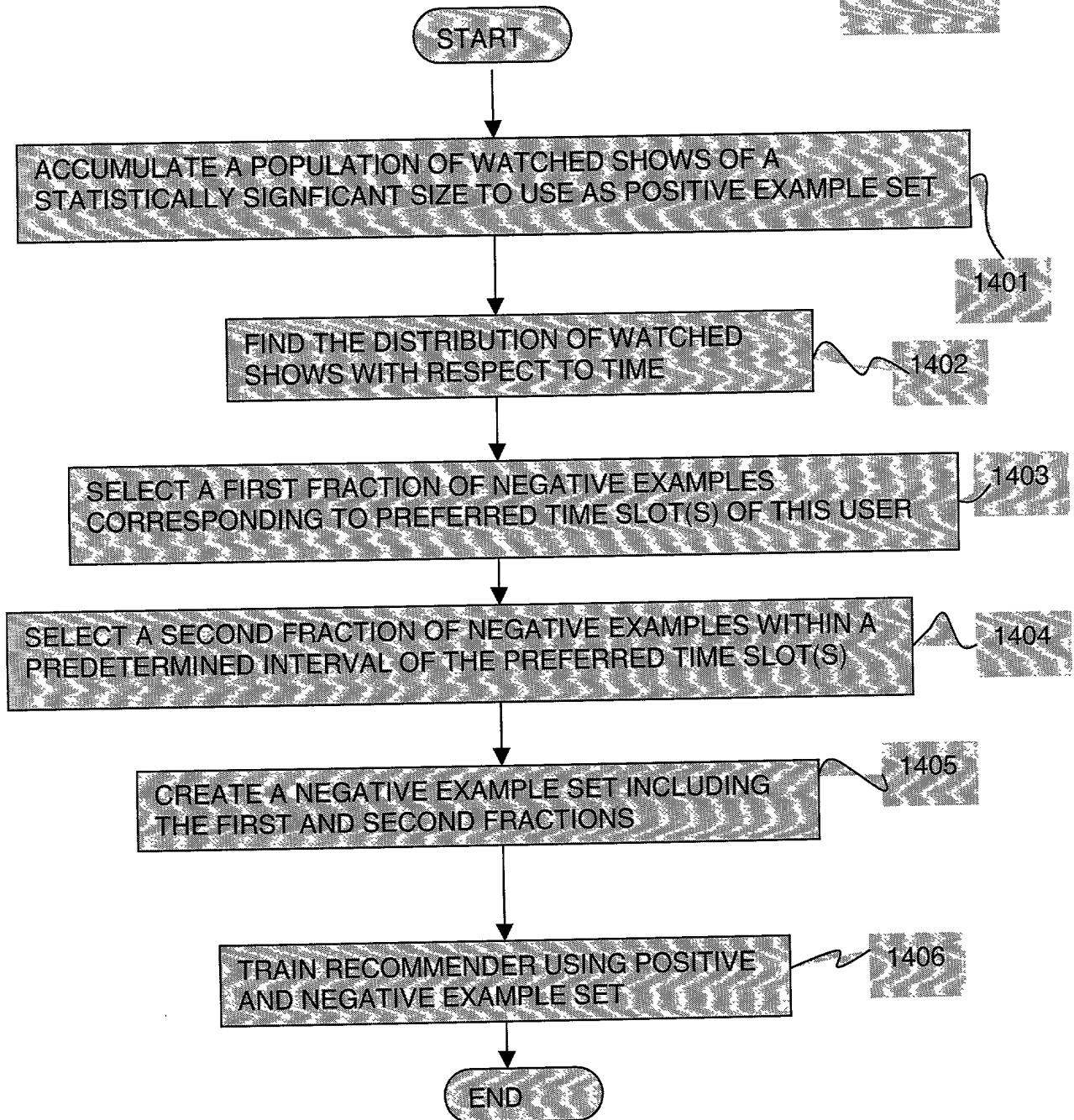




FIG. 15

TABLE I

ACTUAL	SYSTEM PREDICTION	
	YES	NO
YES	TRUE POSITIVE (TP)	FALSE NEGATIVE (FN)
NO	FALSE POSITIVE (FP)	TRUE NEGATIVE (TN)

Fig. 16  
TABLE 2

Threshold rate	Number of hits	Number of false negatives	Number of true rejections	Number of false positives	Hit rate	False positive rate
0.00	41	0	0	8	100.0000	100.0000
0.05	35	6	4	4	85.3706	50.0000
0.10	34	7	4	4	82.9306	50.0000
0.15	34	7	5	3	82.9306	37.5000
0.20	33	8	5	3	80.4938	37.5000
0.25	32	9	5	3	78.0524	37.5000
0.30	32	9	5	3	78.0524	37.5000
0.35	32	9	5	3	78.0524	37.5000
0.40	31	10	6	2	75.6125	25.0000
0.45	31	10	6	2	75.6125	25.0000
0.50	31	10	7	1	75.6125	14.2900
0.55	31	10	7	1	75.6125	14.2900
0.60	30	11	7	1	73.1720	14.2900
0.65	30	11	8	0	73.1720	0.0000
0.70	28	13	8	0	68.2900	0.0000
0.75	28	13	8	0	68.2900	0.0000
0.80	26	15	8	0	63.4134	0.0000
0.85	26	15	8	0	63.4134	0.0000
0.90	26	15	8	0	63.4134	0.0000
0.95	20	21	8	0	48.7866	0.0000
1.00	20	21	8	0	48.7866	0.0000